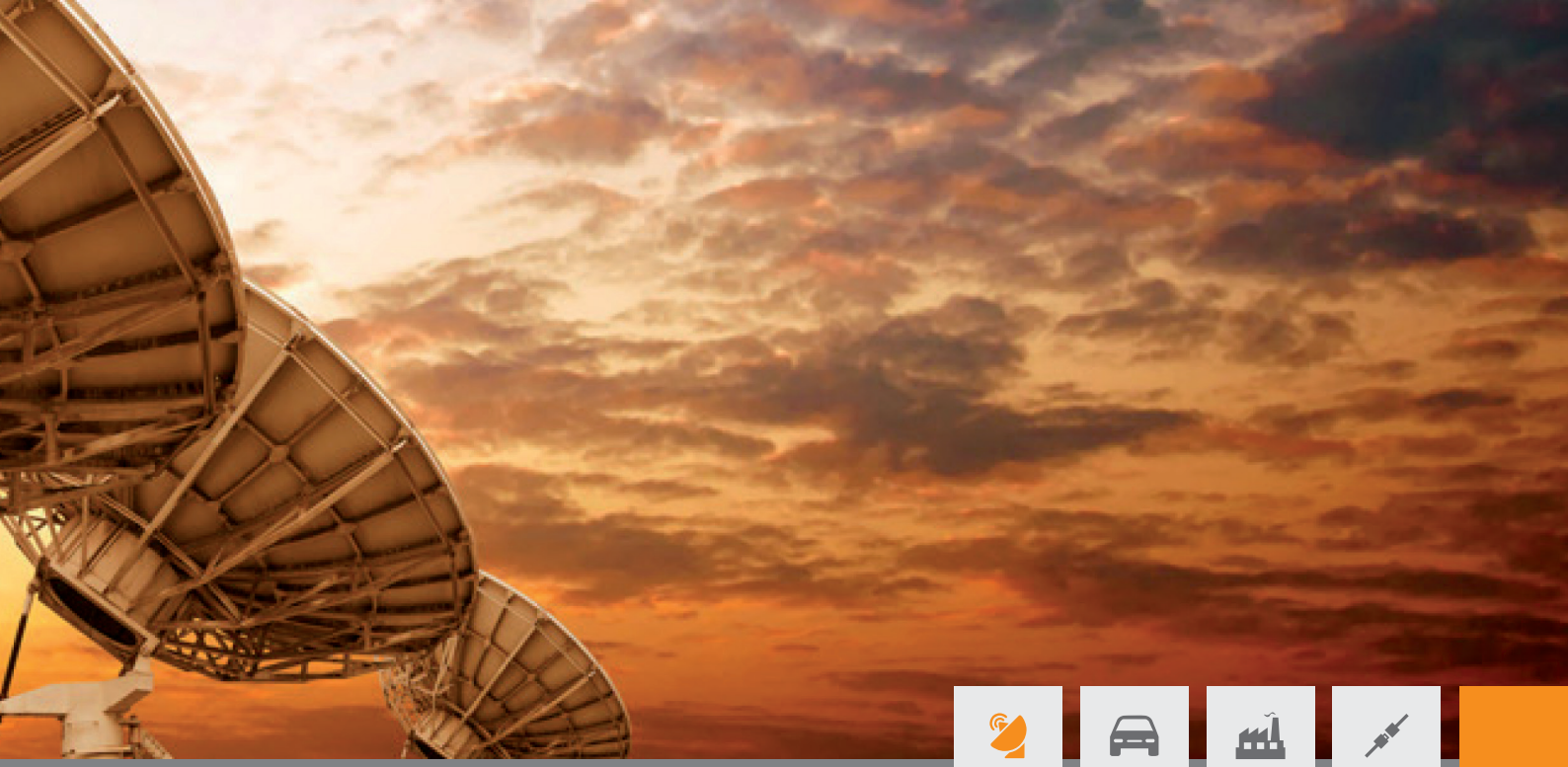


NEX10® CONNECTOR

Miniature Low PIM RF Coax Connector System

- Space saving miniaturized interconnection
- Excellent Passive Intermodulation
- Quick lock & Screw coupling
- Superior RF performance



IMS CONNECTOR SYSTEMS

NEX10® CONNECTOR

Miniature Low PIM RF Coax Connector System

The NEX10® is a new small coaxial connector system, offering low PIM and ruggedized design in a compact size, to meet the upcoming space reduction requirements of small cells. As the telecommunications industry moves towards the small cell approach, the radio and antenna become smaller and ask for a small sized, high performing coaxial RF connector.



Product features

» Small size of 12.7 mm flange height

» Low PIM, independent of applied torque

» One interface but two coupling mechanism

- Screw and Quick lock coupling

» Robust design for outdoor use

» High protection of all contact areas

» Optimized for semiflex and ¼“ corrugated cables

Characteristics

» Impedance: 50Ω

» Excellent RF performance up to 20 GHz

» Superior passive intermodulation values

- better than -166dBc

» Return loss: ≥ 36dB up to 6 GHz

» Power rating typ. 100W @ 2 GHz @ 85°C

» IP 68 watertight solution

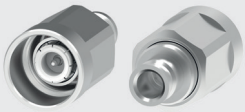
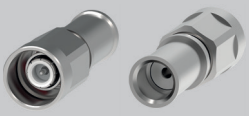
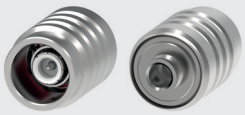
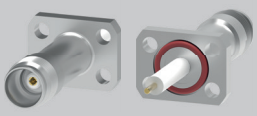
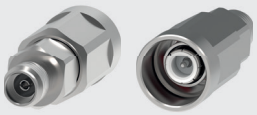


APPLICATIONS

- Small Cell and MIMO
- Distributed Antenna Systems (DAS) / In-building antennas
- Antennas, radios and filter output
- Applications requiring PIM stability in a compact size
- Multi coax / Blind mate applications



Product portfolio

	Picture	Part number (P/N)	Cable type	Description	Packaging	Plating
Cable types		5553.NEX.1410.075	Flexiform 402 UT 141	Straight Cable Plug Screw	Bulk packaging	5 = White bronze
		5562.NEX.1410.085	¼" corrugated cable	Straight Cable Plug Screw	Bulk packaging	5 = White bronze
		5552.NEX.1410.075	Flexiform 402 UT 141	Straight Cable Plug Quick lock	Bulk packaging	5 = White bronze
Flange types		5550.NEX.2018.195	–	Straight 4-hole Flange Jack	Tray packaging	5 = White bronze
Adapters		5554.NEX.8910.005	–	Measuring Adapter NEX10(m) - RPC-3.50(f)	Bulk packaging	5 = White bronze
		5555.NEX.8910.005	–	Measuring Adapter NEX10(f) - RPC-3.50(m)	Bulk packaging	5 = White bronze



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